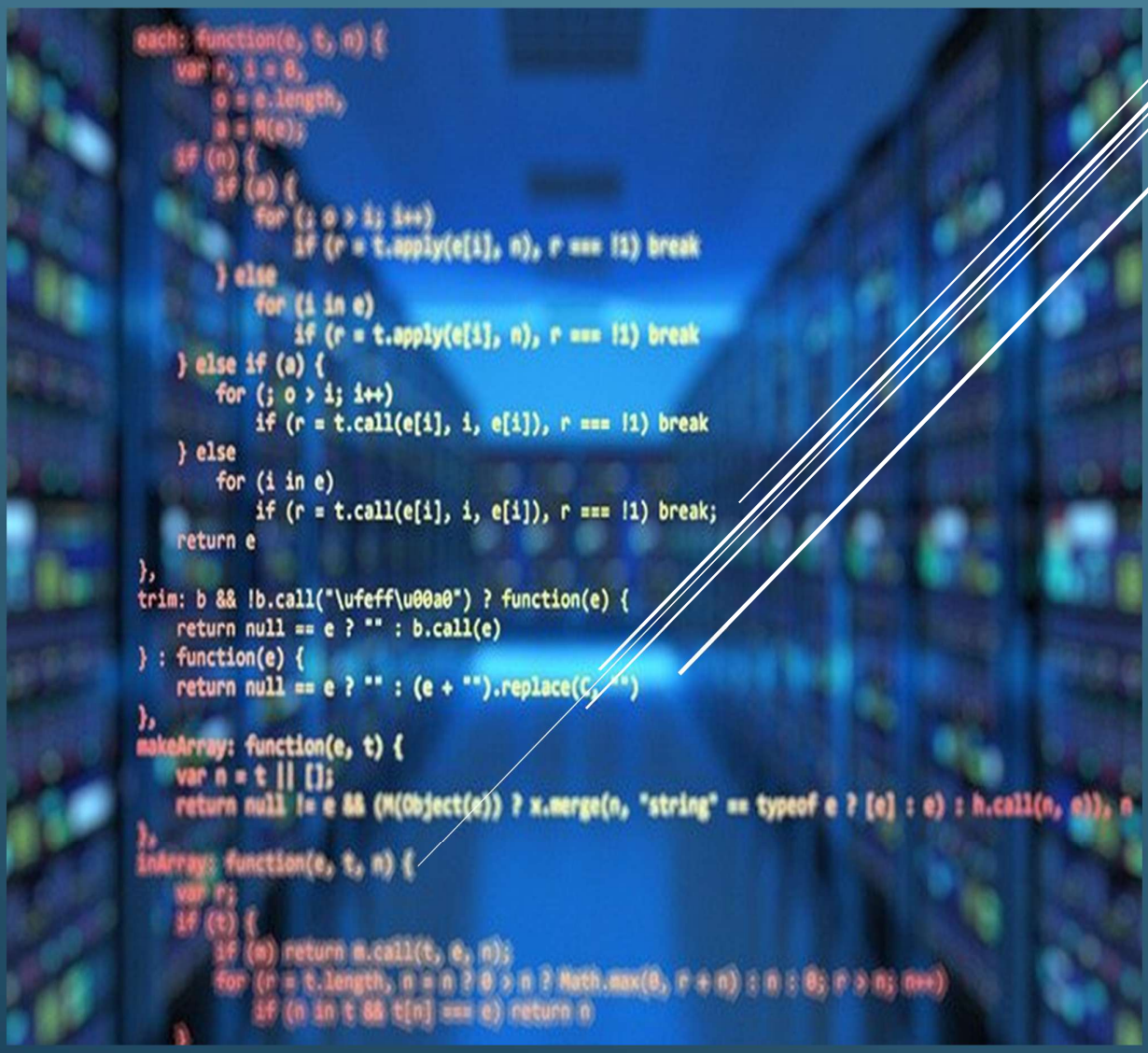


LAB CONTINUOUS ASSESSMENT-1

Lab Continuous Assessment - 1

Problem Statement

Aim

Algorithm

Flow Chart

Sample Code

Sample Input / Output

#1 PROBLEM STATEMENT : ADDITION OF TWO NUMBERS (USING PYTHON)

AIM : TO CALCULATE THE SUM OF TWO NUMBERS

ALGORITHM :

STEP 1: START

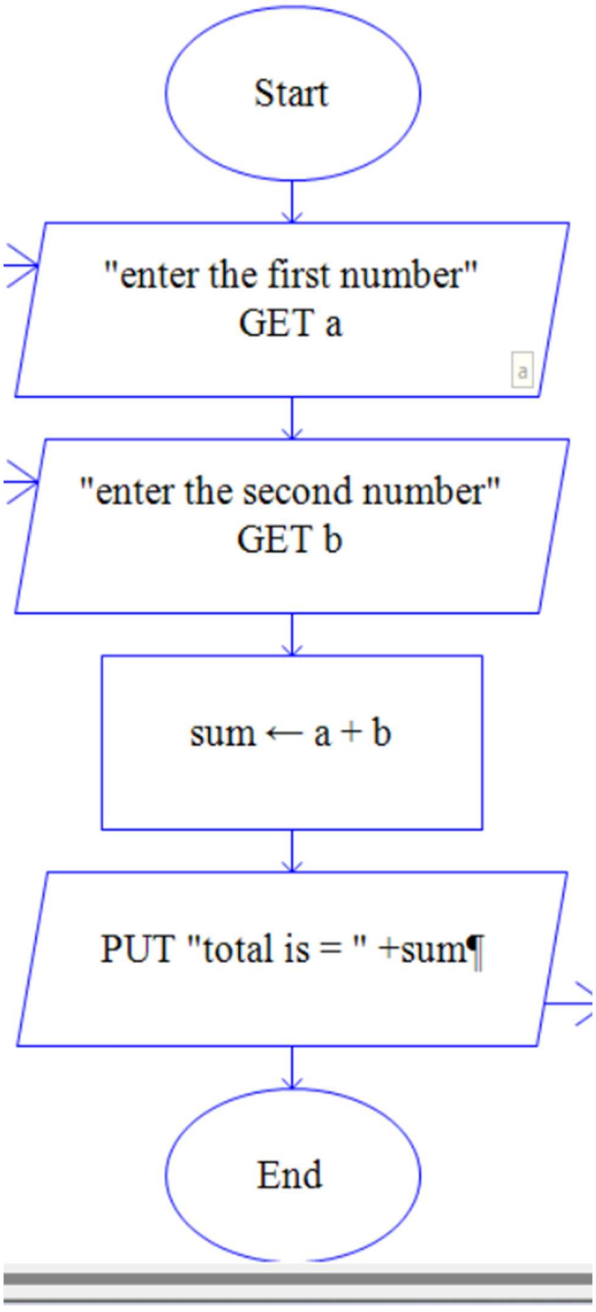
STEP 2: read a, b

STEP 3: sum = a + b

STEP 4: print sum

STEP 5: END

FLOWCHART :


Start
"enter the first number"
GET a
a
"enter the second number"
GET b
sum ← a + b
PUT "total is = " +sum¶
End

SAMPLE CODE :

```
a=8
b=6
sum=a+b
print("summation is :",sum)
```

```
summation is : 14
```

SAMPLE INPUT / OUTPUT :

INPUT = 8 ,6

OUTPUT = 14

---

a: 8

b: 6

sum: 14

#2 PROBLEM STATEMENT : SUBTRACTION OF TWO NUMBERS USING PYTHON

AIM : TO CALCULATE SUBTRACTION OF TWO NUMBERS

ALGORITHM :

STEP 1: START

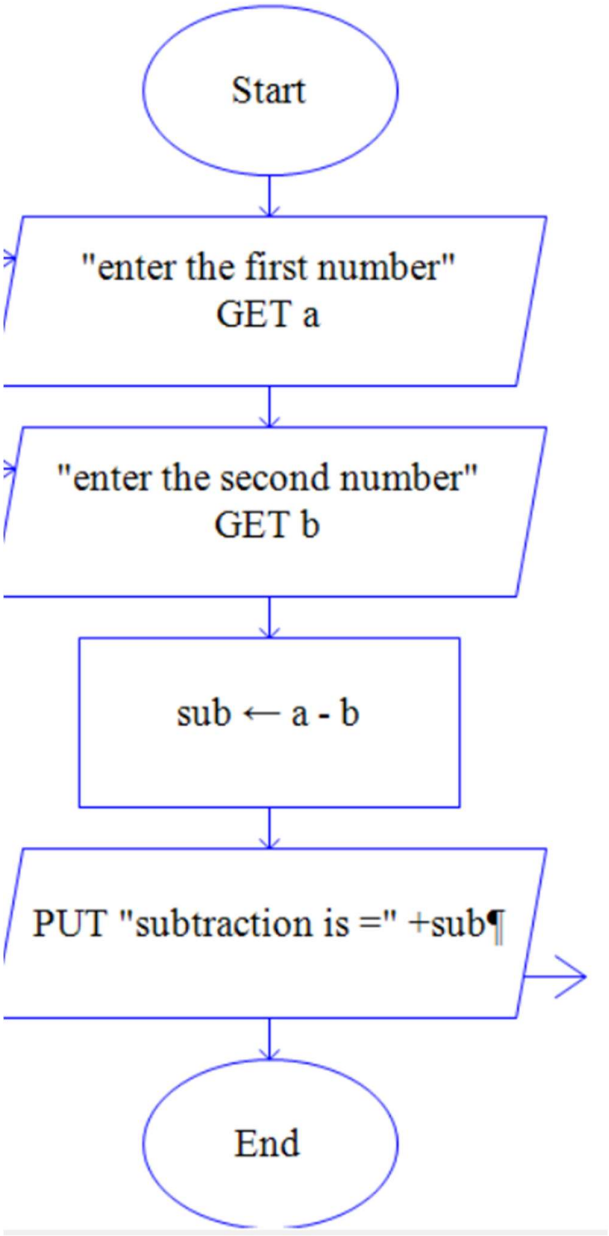
STEP 2: read a, b

STEP 3: sub = a - b

STEP 4: print SUBTRACTION

STEP 5: END

FLOWCHART :


Start
"enter the first number"
GET a
"enter the second number"
GET b
sub ← a - b
PUT "subtraction is =" +sub¶
End

SAMPLE CODE :

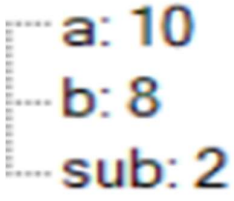
```
a=10
b=8
sub=a-b
print("subtraction is :",sub)
```

```
subtraction is : 2
```

SAMPLE OUTPUT / INPUT :

INPUT : 10,8

OUTPIUT : 2



#3 PROBLEM STATEMENT :

MULTIPLICATION OF TWO NUMBERS USING PYTHON

AIM : TO CALCULATE MULTIPLICATON OF TWO NUMBERS

ALGORITHM :

STEP 1: START

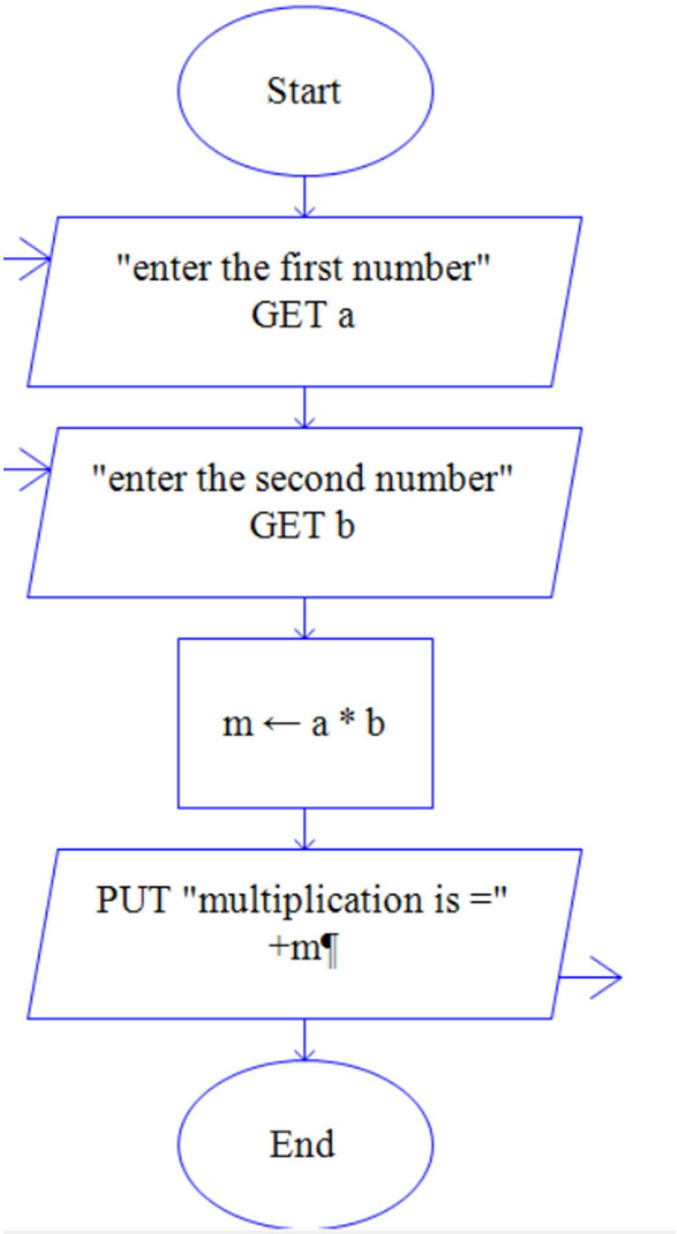
STEP 2: read a, b

STEP 3: m = a*b

STEP 4: print multiplication

STEP 5: END

FLOWCHART :


Start
"enter the first number"
GET a
"enter the second number"
GET b
m ← a * b
PUT "multiplication is ="
+m¶
End

SAMPLE CODE :

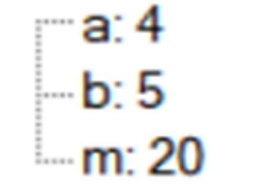
```
a=4
b=5
m=a*b
print("multiplication is :",m)
```

```
multiplication is : 20
```

SAMPLE OUTPUT / INPUT :

INPUT=4 ,5

OUTPUT=20



#4 PROBLEM STATEMENT : DIVISION OF TWO NUMBERS USING PYTHON

AIM : TO CALCULATE DIVISION OF TWO NUMBERS

ALGORITHM :

STEP 1: START

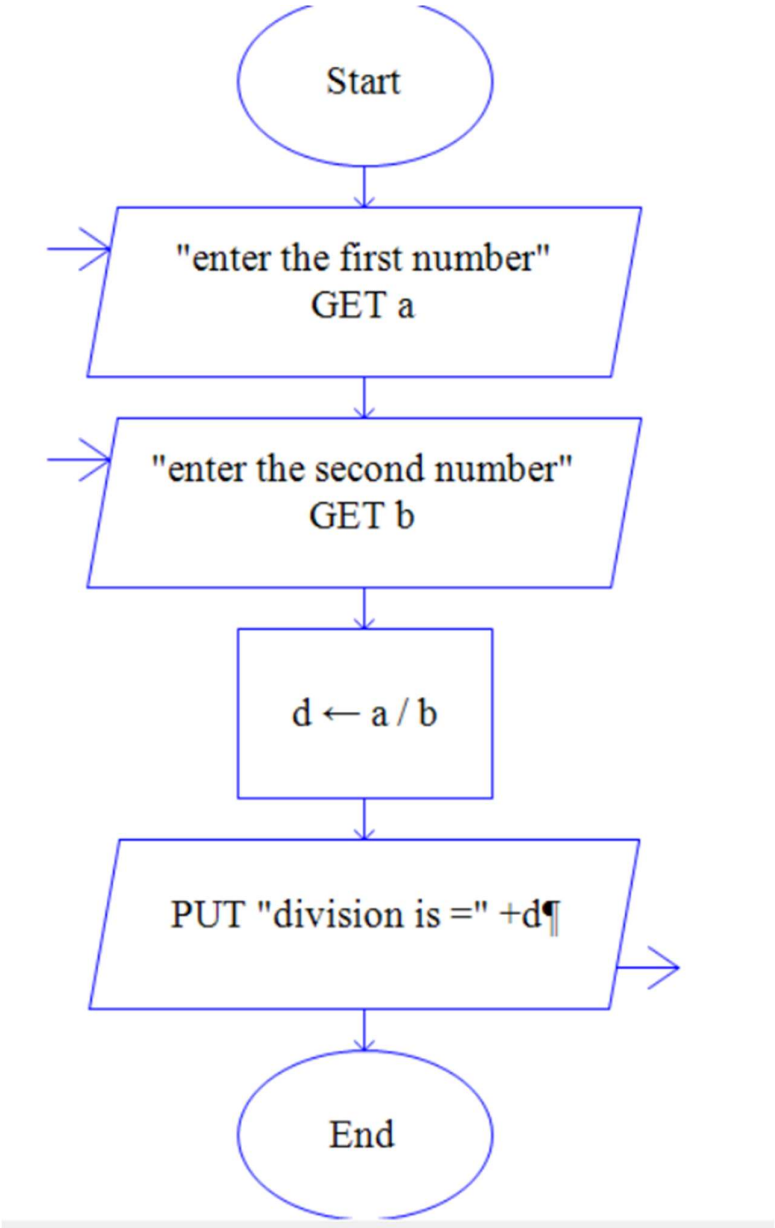
STEP 2: read a, b

STEP 3: d = a/b

STEP 4: print division

STEP 5: END

FLOWCHART :


Start
"enter the first number"
GET a
"enter the second number"
GET b
d ← a / b
PUT "division is =" +d¶
End

SAMPLE CODE :

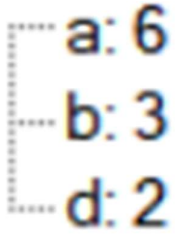
```
a=6
b=3
d=a/b
print("division is :",d)
```

```
division is : 2.0
```

SAMPLE OUTPUT / INPUT :

INPUT=6,3

OUTPUT=2.0



Prassan Rastogi

25BCE10617

B11+B12+B13